



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Noriyuki UMEZAWA et al
Inventor:

Title: METHOD AND APPARATUS FOR DISCRIMINATING TONER
BOTTLE TYPES, STIRRING TONER, AND DETECTING THE
AMOUNT OF REMAINING TONER

Reissue 10/658,849
Application No.:

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please amend the pending reissue application claims as follows:

Cancel claim 11.

Cancel claim 12.

Cancel claim 13.

14. (Pending) A toner bottle for use with an image forming apparatus to supply toner to the image forming apparatus when the toner bottle is rotated by the image forming apparatus, the image forming apparatus having a sensor that senses the toner bottle, comprising:

an elongated cylindrical bottle body that houses toner, the bottle body having an edge portion and an end portion, the end portion being positioned opposite to the edge portion in an axial direction along the bottle body, and a groove extending around the outer surface of the bottle body and extending between adjacent the edge portion and adjacent the end portion;

a toner discharge port provided on the bottle body adjacent the edge portion, the toner